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## Technology Transfer Control by Design Urged

Washington—Controlling the unauthorized transfer of high technology should be incorporated in the design and production of advanced products, Sen. Henry M. Jackson (D.-Wash.) said recently.

Jackson, a member of the Senate Armed Services and Intelligence committees, said loss of militarily sensitive technologies could be obviated at the engineering stage. For example, semiconductors and integrated circuits "could be coated with commercially available substances that would preclude reverse engineering of the products, thereby improving both national and proprietary security." An aide to Jackson said the identity of the substances has a security classification.

Jackson said Congress should earmark specific funds for a policy level office in the Defense Dept. to deal with technology transfer in a centralized manner.

Criticizing the Reagan Administration's approval of a shipment of pipelayers to the Soviet Union, Jackson called for giving the secretary of Defense the same review over exports of oil and gas equipment that he now has over strictly military exports. Jackson said the Administration should prohibit immediately the use of any U. S. technology for the proposed Siberian gas pipeline that would supply Western Europe with Soviet natural gas.

"Moscow's revenues from the pipeline will facilitate acquisition in the West of sophisticated technology useful in strengthening the Soviet military," Jackson said.

Jackson also recommended a strategic trade policy embodying credit controls and appealed for the U. S. and its allies to develop a joint approach to controls on credit to the Soviet Union and its allies.

"The Soviet lack of hard currency means that a great deal of the hemorrhage of our technology might be restricted if the Soviets and their allies had to pay for their acquisitions in cash at time of purchase," Jackson said. "The export of Western capital through extensions of credit permits the Soviets to fortify their military-industrial system every bit as much as the transfer of technology."